

AMENDMENT OF SOLICITATION

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1. AMENDMENT/MODIFICATION NO. 0001		2. EFFECTIVE DATE JAN 02, 2003	
3. ISSUED BY DEPARTMENT OF THE ARMY, BALTIMORE DISTRICT CORPS OF ENGINEERS P.O. BOX 1715 BALTIMORE, MARYLAND 21203-1715 CODE: _____			
4. NAME AND ADDRESS OF CONTRACTOR (Name, street, county, State and ZIP Code)		4A. AMENDMENT OF SOLICITATION NO. DACW31-03-B-0002 4B. DATED (SEE ITEM 5) DEC 09, 2002	
5. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers X is extended, ____ is not extended. SEE BELOW Others must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 4 and 8, and returning <u>1</u> copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of the amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
6. ACCOUNTING AND APPROPRIATION DATA (If required) ISLE OF WIGHT, SALTMARSH CREATION, PHASE I WORCESTER COUNTY, MARYLAND			
7. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) (1) THE TIME AND DATE FOR RECEIVING BIDS FOR THIS PROJECT IS EXTENDED TO 2:00 PM, LOCAL TIME JAN 14, 2003. REVISE STANDARD FORM SF 1442, BLOCK 13A OF THE SOLICITATION TO REFLECT THIS CHANGE. <u>SPECIFICATIONS:</u> (2) <u>Section 01010, Paragraph 1.2.7:</u> Immediately after this paragraph insert the following new paragraph: "1.2.8 Sand (For Construction Purposes) Sand is not specified for this phase of the project. However, the sand specification for any imported material placed landward of the structures would be as follows (if the Contractor elects to place material for access purposes, or any other purpose) at no additional cost to the USACOE: "The Except as provided herein, all terms and conditions of the document referenced in Item 4A, as heretofore changed, remains unchanged and in full force.			
8. NAME AND TITLE OF SIGNER (Type or print)		9. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	10. DATE SIGNED

NSN 7540-01-152-8070

PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV.10-83)
REV BDO MARCH 2001

Contractor shall furnish sand fill material containing not less than 5% passing the Number 100 sieve, not more than 20% by weight retained on the Number 8 sieve. The material shall consist of rounded or semi-rounded grains with a median diameter of 0.6-mm (+/- 0.25mm). No frozen material, trash, roots or other organic material will be permitted with sand fill. Processing may be required to provide a material of this specification."

- (3) Section 01270, Paragraph 1.5: Delete this paragraph in its entirety.
- (4) Section 02379, Paragraph 3.2.1: Immediately after this paragraph insert the following new subparagraph:

"3.2.1.1 The structure's geotextile shall be laid first extending 1.0' beyond both the channelward and the landward toes of the structure. A separate layer of geotextile shall be placed over the armor stone and extend at least 48" landward of the structure's toe. It may be necessary to reposition individual armor stones by mechanical equipment or by hand in order to tuck the upper portion of this geotextile under the armor stone."

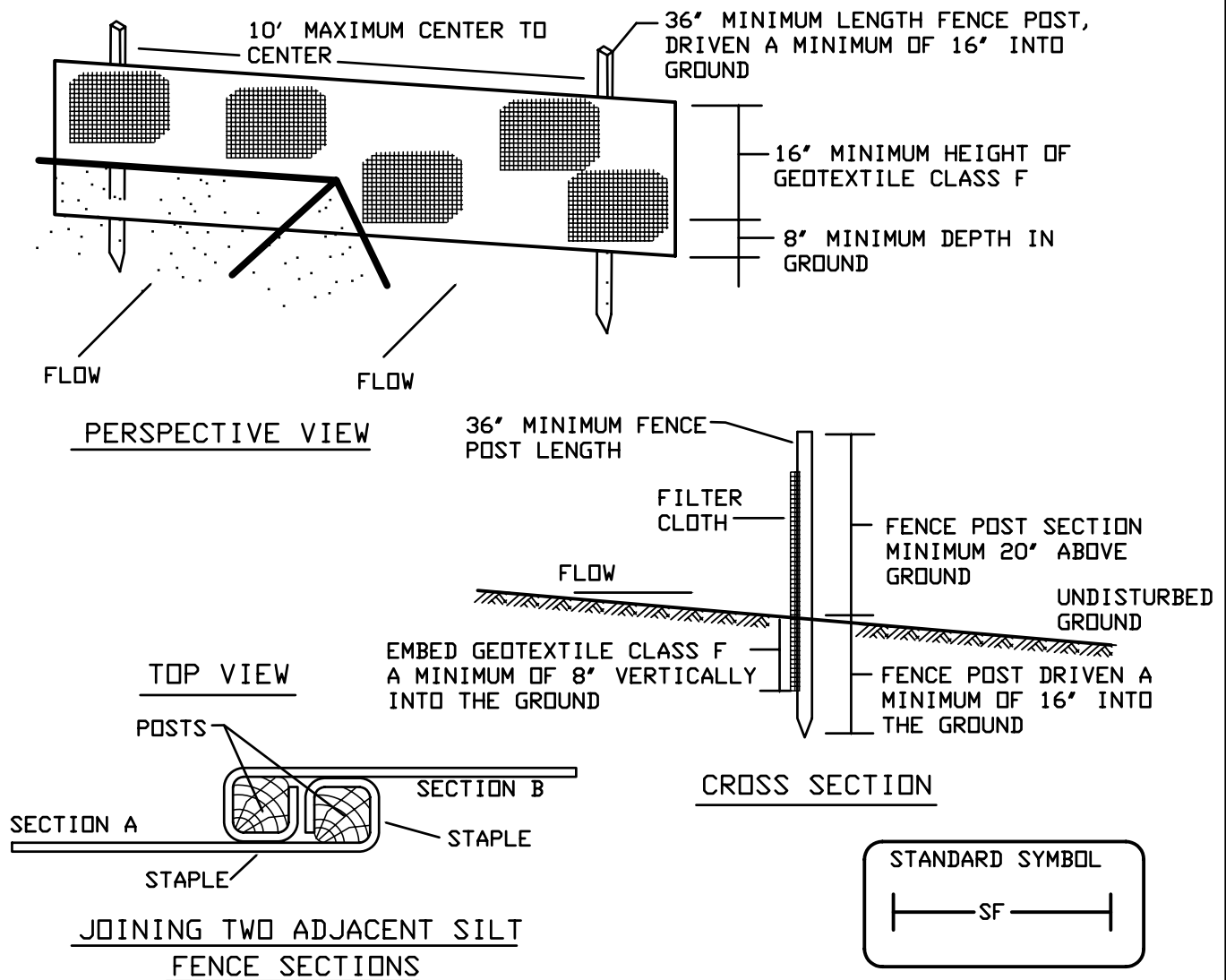
DRAWINGS:

- (5) Sheet C-3: Replace silt fence detail with revised detail (Revision1.pdf).
- (6) Sheet C-4: Add table (Revision2.pdf) showing proposed elevations at various stations along the construction line.
- (7) Sheet C-7: Change note in Groin Section Detail A-A to read: "TOP ELEVATION VARIES FROM TOP OF REVETMENT (BY OTHERS) AT STA. 0+00 TO 4.0' MLLW AT STA. 1+66". See Revision3.pdf.
- (8) Attached to the end of this amendment are Contractor's Questions from Pre-Bid Conference dated 18 December 2002 and are for information only.

ATTACHMENTS:

Sketches: Revision1.pdf, Revision2.pdf, and Revision3.pdf.
Contractor's Questions from Pre-Bid Conference dated 18 December 2002

DETAIL 22 - SILT FENCE



Construction Specifications

1. Fence posts shall be a minimum of 36' long driven 16' minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.

2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

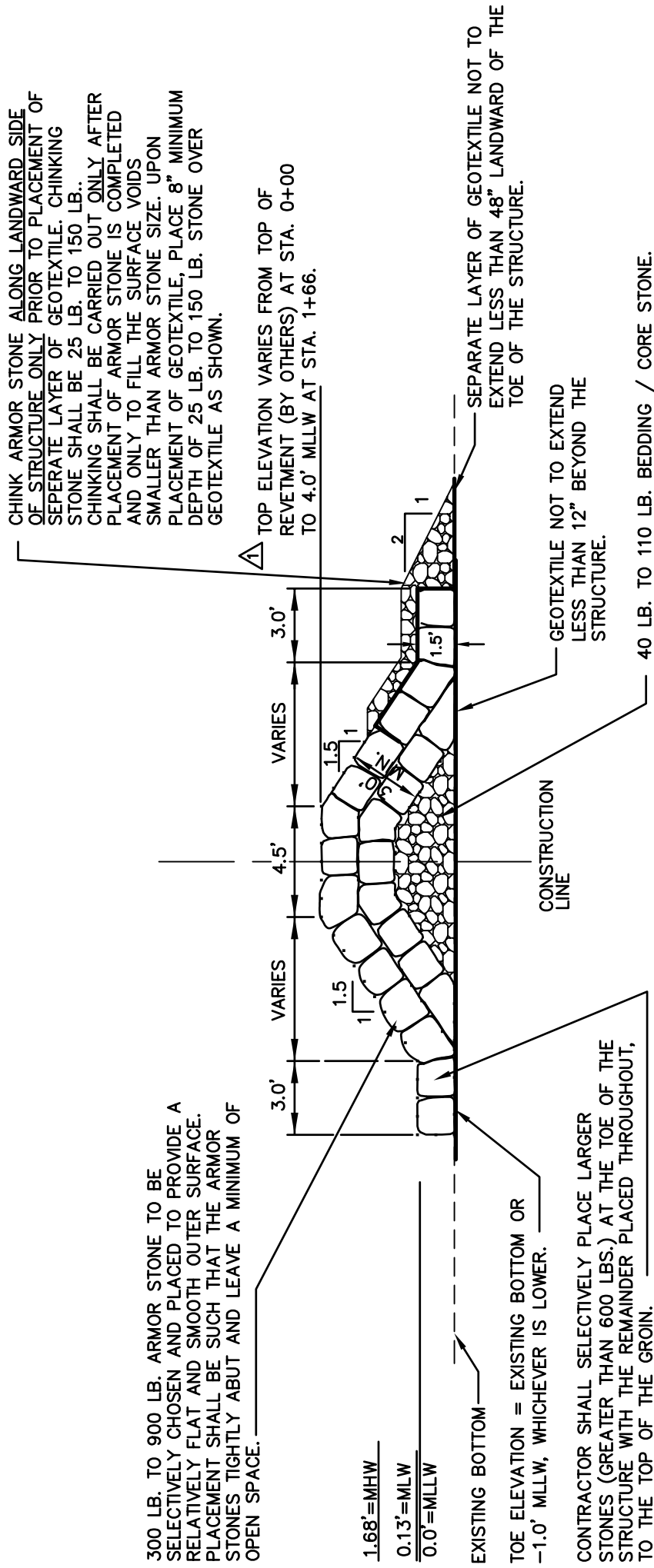
Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal ft ² / minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reaches 50% of the fabric height.

STONeworks CREST ELEVATION

STATION	STRUCTURE TOP ELEV.(MLLW)	FILTER CLOTH COVER STONE TOP ELEV. (MLLW)	COMMENTS
0+00	TOP OF REVETMENT	TOP OF STRUCTURE	REVETMENT BY OTHERS. TOP OF STRUCTURE: SLOPE UNIFORMLY FROM STA. 0+00 TO 1+66. SEE " GROIN SECTION A-A."
0+65		1.7' min.	
1+66	4.0'	1.7' min.	TOP OF STRUCTURE: SLOPE UNIFORMLY FROM STA. 1+66 TO STA. 1+75 AND FROM STA. 2+75 TO STA. 2+84. SEE "TYPICAL GROIN SECTION B-B."
1+75	1.7'	1.7' min.	
2+75	1.7'	1.7' min.	FILTER CLOTH COVER STONE: STA. 1+75 TO STA. 2+84 SLOPE UNIFORMLY FROM 1.7' MLLW TO 1.1' MLLW.
2+84	4.0'	1.1' min.	
5+65	4.0'	1.1' min.	SEE : "TYPICAL BREAKWATER/GROIN SECTION C-C"
10+24	4.0'	1.1' min.	
11+50	2.7'	1.1' min.	SEE "TYPICAL SILL SECTION D-D"
12+14	2.7'	N/A	
±12+23	Existing		OPENING IN SILL
±13+05	Bottom		
13+14	2.7'		SEE "TYPICAL SILL SECTION D-D"
13+50	2.7'	1.1' min.	FILTER CLOTH COVER STONE: STA. 13+80 TO STA. 14+20, SLOPE UNIFORMLY FROM 1.1' MLLW TO 1.7' MLLW.
13+80	2.7'	1.1' min.	
14+20	2.7'	1.7' min.	
15+05	2.7'	1.7' min.	
16+78.5	2.7'	1.7' min.	SEE "TYPICAL SILL SECTION D-D"
16+80	1.7'	1.7' min.	
16+90	1.7'	1.7' min.	
16+91.5	2.7'	1.7' min.	
19+17	2.7'	1.7' min.	SILL FLUSHING PORT TOP OF STRUCTURE: SLOPE UNIFORMLY FROM STA. 16+78.5 TO STA. 16+80 AND FROM STA. 16+90 TO 16+91.5.
19+58.5	2.7'	1.7' min.	
19+60	1.7'	1.7' min.	
19+70	1.7'	1.7' min.	
19+71.5	2.7'	1.7' min.	SEE "TYPICAL SILL SECTION D-D"
21+93.5	2.7'	1.7' min.	
21+95	1.7'	1.7' min.	
22+05	1.7'	1.7' min.	
22+06.5	2.7'	1.7' min.	SILL FLUSHING PORT TOP OF STRUCTURE: SLOPE UNIFORMLY FROM STA. 21+93.5 TO STA. 21+95 AND FROM STA. 22+05 TO 22+06.5.
24+25.5	2.7'	1.7' min.	
24+27	1.7'	1.7' min.	
24+37	1.7'	1.7' min.	
24+38.5	2.7'	1.7' min.	SILL FLUSHING PORT TOP OF STRUCTURE: SLOPE UNIFORMLY FROM STA. 24+25.5 TO STA. 24+27 AND FROM STA. 24+37 TO 24+38.5.
26+64	2.7'	1.7' min.	
27+09	2.7'	1.7' min.	



GROIN SECTION A-A (STA 0+00 to STA 1+66)

SCALE : 1" = 6'

0' 1' 2' 3' 6'

**THE FOLLOWING QUESTIONS AND ANSWERS ARE PROVIDED FOR
INFORMATION ONLY**

Contractor's Questions from Pre-Bid Conference (18 December 2002)

- 1) Is there a location already identified for the spec sand?
No. It is the Contractor's responsibility to identify a source for the sand material specified.
- 2) Does this job involve dredging and/or placement?
No.
- 3) Does this job include pulverization of the concrete riprap?
No.
- 4) If minor sediment cuts for breakwater footers are required, can that material be left onsite?
Yes, provided the material is spread along the landward side of the proposed breakwater structures and along the near-shore as approved by the COR.
- 5) Is there a turbidity curtain requirement?
No.
- 6) If spec sand is used for the construction of access causeways, can it be left onsite?
Yes, provided the material is spread along the landward side of the proposed breakwater structures, and provided the material meets the requirements as specified in Section 10-10.
- 7) The only location where silt fences are identified is around the stockpile area, are there any other areas that need silt fencing?
Yes. See Plans.
- 8) If roadway work (St Martin's Neck Road Extended) is included in this contract, is a silt fence required?
Roadwork is included in the scope. Silt fence is specified along both sides of St. Martin's Neck Road, see drawings.

9) Can the stabilized construction entrance off of Route 90 be moved south closer to location of intersection with construction access road and St. Martin's Neck Road Extended?

No. It is specified at the location shown to prevent sediment from being tracked onto the roadway.

10) Is it a requirement that the person who checks elevations be a Licensed Land Surveyor?

See specifications.

10) Are County Building Permits required?

No.

11) Is there an approved stone source?

No.

12) Can the stockpile area be enlarged

Stockpile areas may be extended into parking and roadway areas and other areas, as directed by the COR.

13) The quantities of stone are not specified, is this a lump sum job?

Yes.

14) Can the completed breakwater structure be driven over during construction of adjacent areas?

No. The structures are too narrow to drive on and damage to the geotextile may result.

15) What grading will be required?

See drawings.

16) Is it necessary to include geotextile in addition to the bedding stone?

Yes. Sand will eventually be placed along the landward side of the structures.

17) Are test piles to be on individual piles, or sections?

See drawing C-4.

18) Time of Work is listed as 8 AM to 4:30 PM, can that be expanded?

Yes, subject to the COR's approval and requirements. See Specifications.

- 19) Is the rock surface of the state's recently completed terminal groin/revetment project acceptable for this project?
No. Chinking is not specified or desired on the structure's surface (except where specified) in order to dissipate the waves and reduce wave run-up.
- 20) Will the Corps compensate contractors if water depths are greater than what are indicated on drawings?
Possibly. Providing that the contractor conducts a pre-construction survey that verifies that depths have changed since the design plans survey.
- 21) Can a standard silt fence be substituted for the super silt fence around stockpile area?
No super silt fence is specified.
- 22) Are there any areas that require seeding?
Contractor is required to stabilize all disturbed areas by seeding as specified in Section 02921 of the specifications.
- 23) Number of piles with warning signs?
See drawing C-4.
- 24) Is orange safety fencing required along entire LOD line?
No. Orange safety fence shall be placed only where shown on drawings C-4 and C-5.